



339743

OEPA Permit No.: E 353 *AD

Public Notice No.: OEPA- 74-11-082

On the basis of preliminary staff review and application of standards and regulations, the Director of the Ohio Environmental Protection Agency proposes to issue a permit for the discharge subject to certain effluent conditions and special conditions. The proposed determination is tentative but shall become final on the effective date unless (1) an adjudication hearing is requested or (2) the Director withdraws and revises the proposed permit after consideration for the record of a public meeting or written comments, or upon disapproval by the Administrator of the U.S. Environmental Protection Agency. Any person may submit a written statement within thirty days of the date of the Public Notice as to why the Director should revise the proposed action. If significant public interest is shown a public meeting may be held on motion of the Director prior to final issuance of the permit. Following final action by the Director, any party has the right to appeal to the Environmental Board of Review.

Interested persons are invited to submit written comments upon the proposed discharge permit. Comments should be submitted in person or by mail no later than 30 days after the date of this Public Notice. Deliver or mail all comments to:

NPDES Permit Section
Ohio Environmental Protection Agency
P.O. Box 1049
361 East Broad Street
Columbus, Ohio 43216

The OEPA permit number and Public Notice numbers should appear next to the above address on the envelope and on each page of any submitted comments. All comments received no later than 30 days after the date of this Public Notice will be considered in the formulation of final determination.

The applications, fact sheets, proposed permit including proposed effluent limitations, special conditions, comments received and other documents are available for inspection and may be copied at a cost of 15 cents per page at the Ohio Environmental Protection Agency at the address shown above any time between the hours of 8:00 a.m. to 4:30 p.m., Monday through Friday. Copies of the Public Notice are available at no charge at the same address.

Mailing lists are maintained for persons or groups who desire to receive Public Notice for all applications in the state or for certain geographical areas. Persons or groups may also request copies of fact sheets, applications or other documents pertaining to specific applications. Persons or groups may have their names put on such a list by making a written request to the Agency at the address shown above.

Effective Date: February 24, 1974

National Pollutant Discharge Elimination System (NPDES) Permit Program

PUBLIC NOTICE

Proposed NPDES Permit to Discharge to State Waters

Ohio Environmental Protection Agency
P. O. Box 1049
361 East Broad Street
Columbus, Ohio 43216
614-466-4891

Public Notice No. OEPA- 74-11-082
Date of Issue of Public Notice: November 25, 1974

Name and Address of Applicant:
Union Carbide Corporation
Linde Division
14788 York Road
North Royalton, Ohio 44133

Name and Address of Facility where Discharge Occurs:
Union Carbide Corporation
Linde Division
14788 York Road
North Royalton, Ohio 44133

Receiving Water: Unnamed Tributary of Rocky River (East Branch)

NOTICE: The above named applicant has applied for a NPDES permit to discharge into the designated receiving water. The permit will be issued by the Ohio Environmental Protection Agency.

This applicant is a manufacturer of acetylene and has 1 existing discharge point. The current operations of this discharger result in an average effluent flow 600 gallons per day. Key parameters to be limited in the proposed permit are as follows: Biochemical Oxygen Demand, Total Suspended Solids, Fecal Coliform, Residual Chlorine.

OEPA BRIEFING MEMO

NEDO

1. Company Name Union Carbide Corporation 3. COE App No OH 070 0X2 2
Linde Division 000020
2. Company Location 14788 York Road SIC No 2813
North Royalton, Ohio 44133 OEPA App No E 353*AX

Description of Operation

4. Products Made Acetylene
4a. Daily Production Rate 67,000 ft³
5. Raw Materials Calcium carbide
5a. Raw Material Consumption N/A
6. Processes Used Acetylene generator
7. Byproduct Wastes N/A
8. Outfalls

<u>001</u>	<u>N/A</u>	<u>N/A</u>
<u>600 GPD</u>		

9. Volume (~~flow~~) 600 GPD
10. Treatment System Septic tank
11. Receiving Stream Unnamed tributary of Rocky River (East Branch)
12. Critical Flow of Above Zero
12a. Stream Classification Primary contact, warm fishery, public, industrial and agricultural water supplies; Cold fishery; Variance
13. Subsequent Network Rocky River (East Branch) to Lake Erie
14. No. of Employees 21 Hours per Day 24 Shifts per Week 18
Weeks per Year 52

Regulatory Bases (Check where applicable)

15. In 303 Basin N/A Outside 303 Basin ✓
WQ Segment ✓ EL Segment N/A
Mahoning N/A ORSANCO N/A
I.J.C. N/A Other N/A
Federal Guideline Used None
A fact sheet is N/A necessary ✓ not necessary.

INITIAL TABLE

Characteristic	Justification	Characteristic	Justification
Monitor Only			

FINAL TABLE

Characteristic	Justification	Characteristic	Justification
Flaw	EEQ		
Flaw			
BOD	BAT		
Total Suspended solids	BAT		
Fecal coliform	BAT		
Residual chlorine	BAT		

Compliance Schedule Justification (Write Out)

(Describe equipment that can be used; such that the values in the final table could be met.)

Install extended aeration sewage treatment plant.

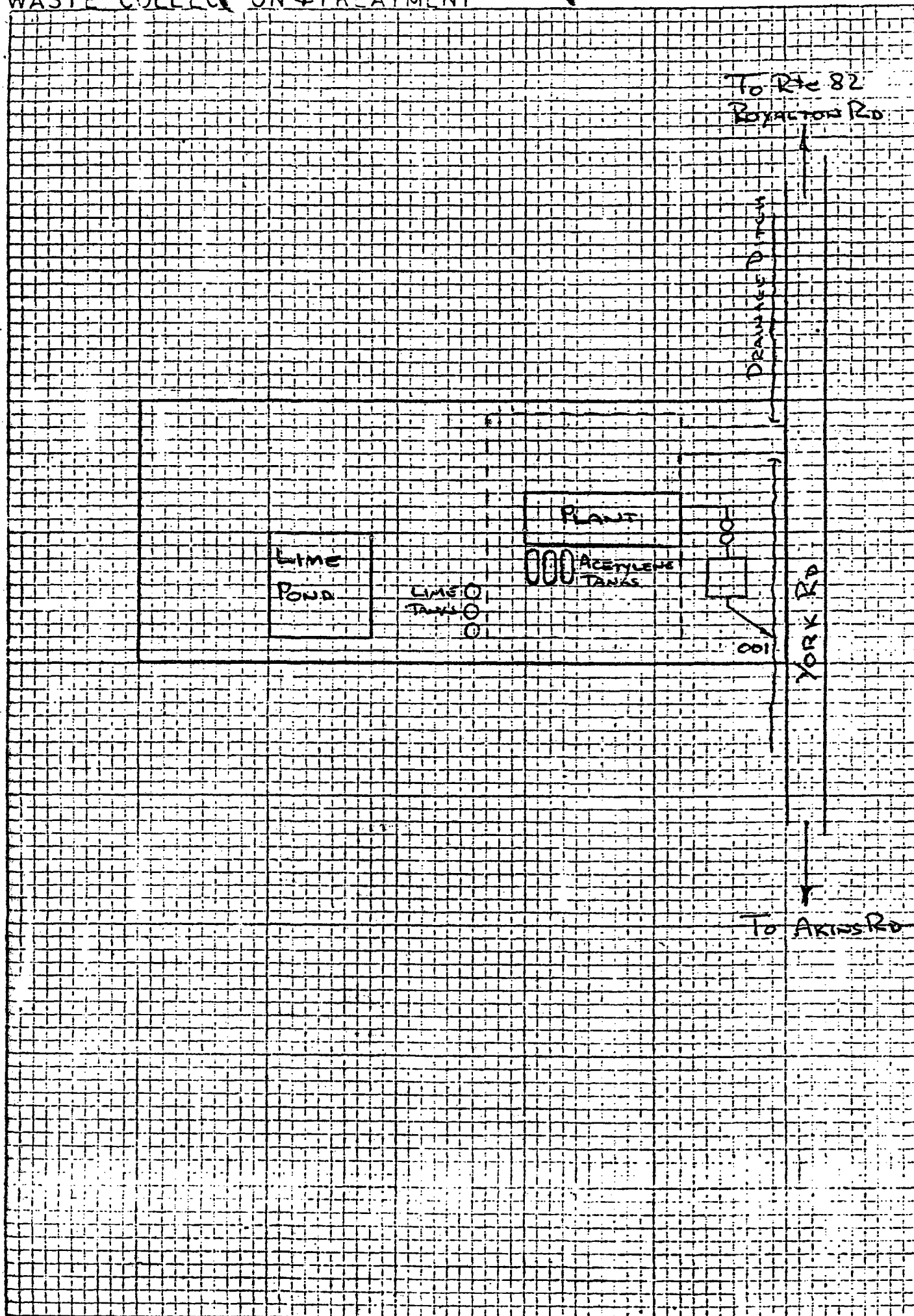
Describe time allowance justification: ie. by agreement with company or outside engineering estimate, or federal law deadline, or OEPA engineering estimate, or others.

OEPA Estimate

1. Acceptable justifications are FGL (Federal Guidelines), WQS, MRS (Mahoning River), ORS (ORSANCO), BPT, BAT, EEQ, IJC (International Joint Committee).

WASTE COLLECT (ON & TREATMENT

MAP





OEPA Permit No. E353 *AD

Application No. OH 070 0X2 2000020

OHIO ENVIRONMENTAL PROTECTION AGENCY
AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et. seq; the "Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Chapter 6111),

Union Carbide Corporation
Linde Division

is authorized to discharge from a facility located at

14788 York Road
North Royalton, Ohio 44133

to receiving waters named

Unnamed tributary of
Rocky River (East Branch)

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, and III hereof.

This permit shall become effective on

This permit and the authorization to discharge shall expire at midnight, 2 yrs. Permittee shall not discharge after the above date of expiration. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Ira L. Whitman
Director

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning ~~on the effec. date~~ and lasting until 1 year after effec. date the permittee is authorized to discharge from outfall(s) serial number(s) 001

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
	kg/day (lbs/day)		Other Units (Specify)		Measurement	Sample
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Frequency</u>	<u>Type</u>
Flow-M ³ /day (MGD)	-	-	-	-	Monthly	24 hr total
Temperature	-	-	-	-	Monthly	Grab
Total Suspended Solids	-	-	-	-	Monthly	Grab
BOD	-	-	-	-	Monthly	Grab

2. The pH shall not be less than 6.0 nor greater than 9.0 and shall be monitored monthly grab
3. There shall be no discharge of floating solids or visible foam in other than trace amounts.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): at the point of discharge to receiving waters

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning 1 year after effluent standard and lasting until the expiration date the permittee is authorized to discharge from outfall(s) serial number(s) 001

Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	kg/day (lbs/day)		Other Units (Specify)		Measurement	Sample
	Daily Avg	Daily Max	Daily Avg	Daily Max	Frequency	Type
Flow-M ³ /day (MGD)	-	-	-	-	Monthly	24 hr total
Temperature	-	-	-	-	Monthly	Grab
Total suspended solids	-	-	8mg/l	12mg/l	Monthly	Grab
BOD	-	-	8mg/l	12mg/l	Monthly	Grab
Fecal coliform	-	-	200/100ml	400/100ml	Monthly	Grab
Residual chlorine	-	-	0.2mg/l	0.5mg/l	Monthly	Grab

2. The pH shall not be less than 6.0 nor greater than 9.0
and shall be monitored monthly grab
3. There shall be no discharge of floating solids or visible foam in other than trace amounts.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations(s): at the point of discharge to receiving stream

B. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Reporting

Monitoring data required by this permit shall be reported on the Ohio EPA report form (EPA- Surv- 1) on the monthly basis. Individual reports for each month are to be submitted no later than the 15th of the next month. Copies of the discharge monitoring report form must be signed and mailed to the District Office, Ohio EPA indicated below.

Northeast District Office
2110 E. Aurora Road
Twinsburg, Ohio 44087

Monitoring results obtained during the previous three months shall be summarized and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed reporting period. The first quarterly report shall be submitted for the period ending

U.S. Environmental Protection Agency
Region V, Enforcement Division
1 North Wacker Drive
Chicago, Illinois 60606
ATTN: Chief, Compliance Section

3. Definitions

a. "daily average" discharge

- i. Weight Basis - the "daily average" discharge means the total discharge by weight, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the "daily average" discharge shall be determined by the summation of the measured daily discharges by weight divided by the number of days during the calendar month on which the measurements were made.
- ii. Concentration Basis - the "daily average" concentration means the arithmetic average (weighted by flow value) of all the daily determinations of concentrations made during the calendar month. Daily determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily determination of concentration shall be the arithmetic average (weighted by flow value) of all the samples collected during the calendar month.

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b. "daily maximum" discharge

- i. Weight Basis - the "daily maximum" discharge means the highest discharge by weight during any calendar day.
- ii. Concentration Basis - the "daily maximum" concentration means the highest daily concentration in any calendar month.

4. Test Procedures

Test procedures for the analysis of pollutants shall conform to regulations published pursuant to Section 304(g) of the Act, under which such procedures may be required.

5. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling;
- b. The dates the analyses were performed;
- c. The person(s) who performed the analyses;
- d. The analytical techniques or methods used; and
- e. The results of all required analyses.

6. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form (EPA No. 3320-1). Such increased frequency shall also be indicated.

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7. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation shall be retained for a minimum of three(3) years. These periods will be extended during the course of any unresolved litigation, or when so requested by the Regional Administrator or the Ohio EPA.

C. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

General Plans — — — 2 months
Detail Plans — — — 4 months
Initiate Construction — — 6 months
Complete Construction — — — 11 months
Operational level — — — 12 months

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2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit a written report as to compliance (except for those dates requiring a written submittal such as reports, plans, etc.), or noncompliance. The report on noncompliance shall include the reason, an estimated date of compliance and the probability of meeting the next scheduled requirement. Reports should be submitted at the Ohio EPA, District Office, ORE Representative.

OHIO EPA
ORE REPRESENTATIVE
NORTHEAST DISTRICT OFFICE
2110 EAST AUROPA ROAD
TWINSBURG, OHIO 44087

(END OF PART I)